

## Specifications

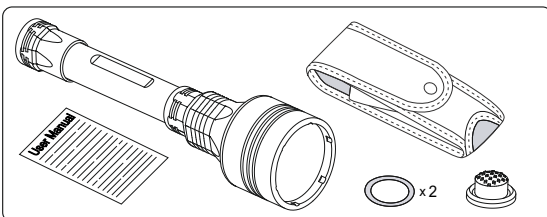
Armytek Optoelectronics Inc. is a Canadian manufacturer that produces powerful and reliable flashlights designed especially for your needs applying in them components made in USA and Japan. 10 years no-hassle warranty.

- Extreme brightness 1390 lumen and beam distance up to 700 meters due to the unique optics
- Guaranteed durability — can stand up a fall from the height and a direct shot at the flashlight
- Impressively light-weight construction for comfortable and long-term application
- Record runtimes with 2x18650: almost 2 hours at 1390 lm / 17 hours at 170 lm
- Easy operation and 4 comfortable modes of light output to maximize your opportunities in any situation
- Light brightness remains constant even at -25 °C and with almost discharged batteries
- The highest water resistance standard for submersion at the depth up to 50 meters

Model	Barracuda	Barracuda Warm
LED	Cree XM-L2	Cree XM-L2 (Warm)
Brightness stabilization type	FULL stabilization (constant brightness)	
Light output, LED lumen	1390	1240
Hotspot / Spill	4 / 40 degrees	4 / 40 degrees
Beam distance	569 yard / 520 meters	547 yard / 500 meters
Hotspot diameter at 300 feet / 92 meters	23 feet / 7 meters	23 feet / 7 meters
Modes and Runtimes (measured for Panasonic 18650 Li-Ion NCR 3100mAh battery to the decrease to 10% of initial brightness)	1390 lm / 1 h 30 min 820 lm / 2 h 40 min 170 lm / 17h 30 lm / 60 h	1240 lm / 1 h 30 min 730 lm / 2 h 40 min 150 lm / 17h 27 lm / 60 h
Recommended power source	2x18650 Li-Ion / 4xR123A Li-Ion / 4xCR123A	
Size	Length 10.4" / 265mm, head diameter 2.52" / 64mm, body diameter 1" / 25.4mm	
Weight (without batteries)	14 oz / 398 g	

**!** Do not use Li-ion batteries without protection (PCB).

## Set description



Items included in the package:

- Flashlight
- Holster
- 2 spare O-rings
- Spare rubber button
- User manual

**!** 1. The flashlight and package can inconsiderably differ from the pictures in the manual.  
2. The producer reserves the right to change the package at his own discretion without modifying this manual.

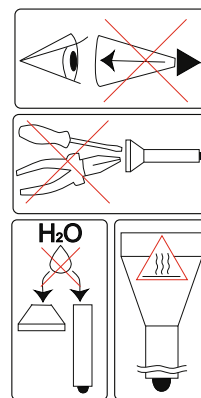
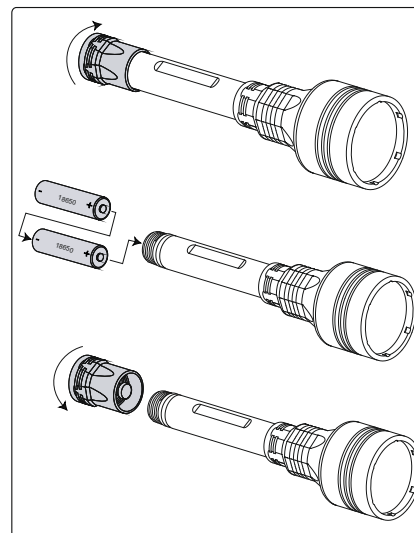
## Initial Service

To set-/replace batteries:

1. Unscrew the tailcap.
2. Place the batteries with the positive contact (+) facing the head of the flashlight.
3. Adjust the tailcap and tighten it as far as it can go.

**!** We recommend NOT to leave power sources inside the flashlight for a long storage period, as batteries (especially, non-rechargeable) can leak for various reasons and damage the inner parts of the flashlight. If you want to keep your flashlight in a stand-by state with batteries in, use new and quality batteries, store the flashlight in acceptable for batteries operational temperature and revise the batteries' state at least once a month. If you have noticed any signs of batteries' defects, withdraw them from the flashlight and take out of operation. It is also recommended to replace discharged batteries with new ones before the storage as the chance of leakage is higher with discharged batteries.

## Warnings



1. Always follow the instructions from this manual and recommendations on battery usage.
2. Apply only the recommended power sources.
3. Do not reverse battery polarity.
4. Do not use different power sources together, including old ones with new ones, charged with discharged. Do not use different types of batteries combined as the element with less capacity can be damaged.
5. Do not modify or recast the flashlight and its components as it will deprive you of the warranty.
6. Do not allow water or any other liquid to leak into the flashlight.
7. Do not aim a turned on flashlight at people's or animals' eyes — it can cause temporary blindness.
8. Be careful during the long-time flashlight operation as some parts of the body may heat up.
9. Do not allow children to use the flashlight without your assistance.
10. Be careful while using rechargeable batteries — Armytek Barracuda flashlights are designed to consume all the available battery power and don't protect batteries from over-discharge.

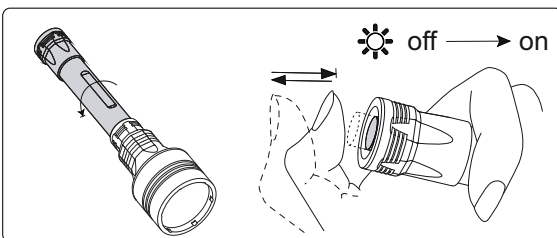
**!** Armytek Optoelectronics Inc., Canada shall not be liable for any harm done to the user if it was caused by improper use of the product.

Thank you for choosing the products of Armytek Optoelectronics Inc., Canada.  
Please read this manual carefully before using the flashlight.

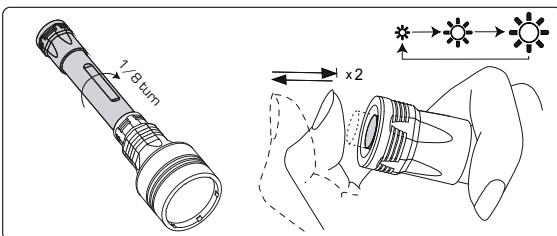
### Operation

Armytek Barracuda flashlights have several operational modes:

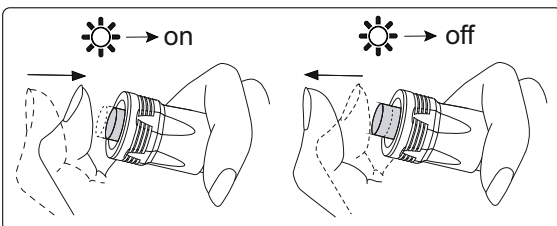
- Main — permanently switched light at High brightness (full pressing of the button with the head of the flashlight tightened). It's an easy and comfortable operational mode for Hunters, especially when the flashlight is used with remote switch.
- Additional — permanent switched light at Middle, Low and Lower Low brightness at user's choice (full pressing of the button with the head of the flashlight loosen).
- Tactical — High, Middle, Low and Lower Low brightness switched by half-pressing of the button and active till the button is released. Suitable for giving signals by short button pressings.



Main Mode



Additional Mode



Tactical Mode

#### Main Mode Operation:

1. Tighten the head of the flashlight if it is loosened.
2. First full pressing of the button (to the click) turns the light on.
3. Second full pressing turns it off.

#### Additional Mode Operation:

1. If the head of the flashlight is tightened, loosen it for 1/8 of a circle.
2. First full pressing of the button (to the click) turns the light on at Lower Low brightness.
3. To switch the brightness level turn the flashlight on and off by full pressing.
4. The brightness levels switch cyclically: Lower Low — Low — Middle.

#### Tactical Mode Operation:

1. For tactical activation use half-pressing of the button (no click!).
2. To access the High brightness level the head of the flashlight must be tightened, to access other levels it must be loosened.
3. The light remains on while you half press the button.

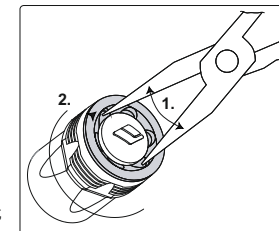
In case the rubber button is damaged, it should be replaced.

Replacement order:

1. Unscrew the tailcap.
2. Unscrew the thread ring gage, which holds the rubber button in the cap. To do so you should use needle-nose pliers (round-nose pliers or another tool: most suitable will be expansion pliers). Use the tool as it is shown at the picture.



Do not disassemble the flashlight except for unscrewing the thread ring gage and replacing the rubber button. There are no other parts in the flashlight that can be replaced by the user.



It is recommended to clean the threads and O-ring off dirt and old grease. Remember that secure protection from water and dust cannot be provided by worn out sealing and fouling as well as lack of lubricant cause fast wear-out of threads and sealing rings.

To clean the thread do the following:

1. Unscrew the tailcap and remove the sealing ring carefully with a toothpick (do not use sharp metal things as it can damage the ring).
2. Wipe the sealing ring thoroughly with a soft cloth (or tissue). Do not use solvents. If the sealing ring is worn out or damaged replace it by a new one.
3. Clean the metal threads with a brush using ethanol. Be careful not to allow applied liquid to get inside the flashlight or tailcap as it can cause fails in functionality of the flashlight.

After cleaning lubricate the thread and the sealing ring with polyalphaolefin-based silica grease, e.g. Nyogel 760G. The application of automotive and other improper grease can cause swelling and damage of the sealing rings. In case of active operation and application in dusty environments it is recommended to perform cleaning and lubricating of the parts as often as required, even if it is more than twice a year.

### Service and Warranty

**Armytek provides free warranty repair for 10 years from the purchase.**

Warranty doesn't cover damage caused by:

1. Improper usage.
2. Attempts to modify or repair the flashlight by nonqualified specialists.
3. Longtime application in chlorinated or polluted water, or other liquids (other than water).
4. High temperatures and chemicals' exposure, including the liquid from defected batteries.
5. Usage of low-quality batteries.

Armytek Optoelectronics Inc.

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